SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
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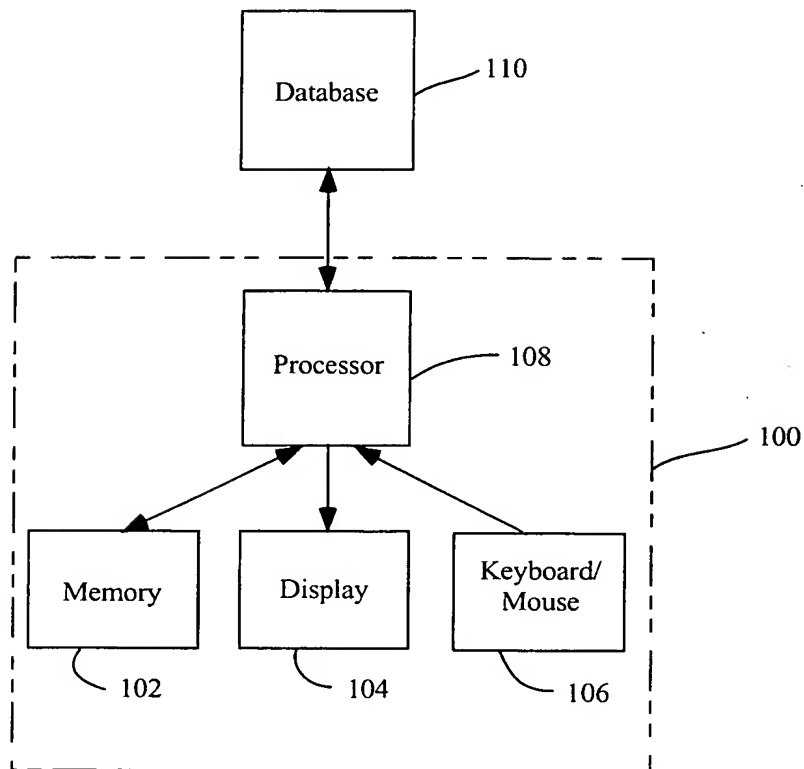
Fig. 1

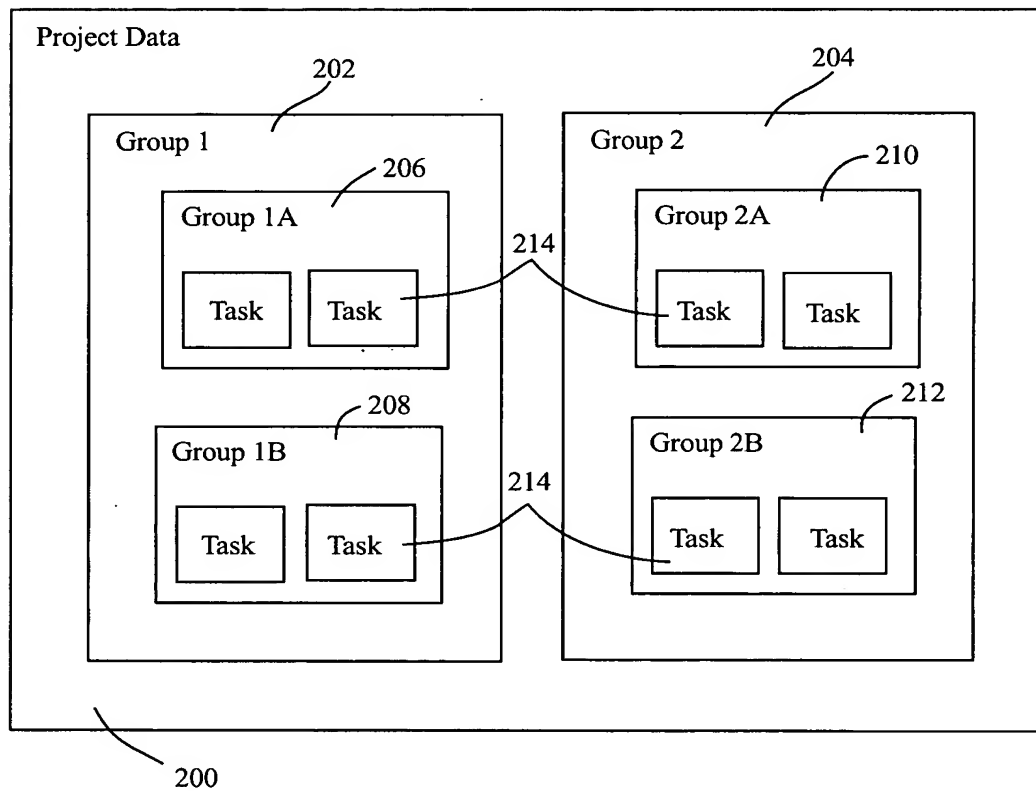SYSTEM AND METHOD FOR CREATING A PERT CHART
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Project Data

Group 1 — 202

Group 1A — 206

| Task | Task |

Group 1B — 208

| Task | Task |

Group 2 — 204

Group 2A — 210

| Task | Task |

Group 2B — 212

| Task | Task |

214

214

200

## Fig. 2

SYSTEM AND METHOD FOR CREATING A PERT CHART
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```
┌─────────────────────┐
│   Creating a Work   │
│ Breakdown Structure │───── 300
│        Tree         │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│  Displaying sub folders │
│    within a project │───── 302
│                     │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│  Selecting a sub folder │
│   within the project │───── 304
│                     │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│   Opening the data  │
│  associated with the │───── 306
│      sub folder     │
└─────────────────────┘
```
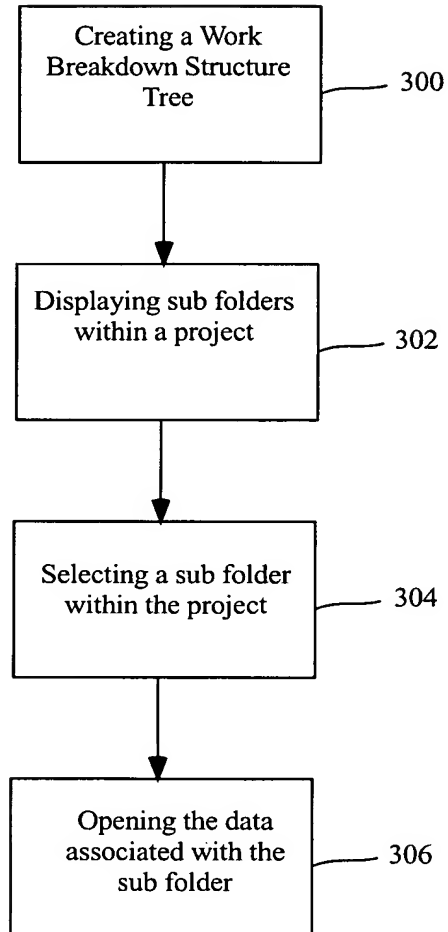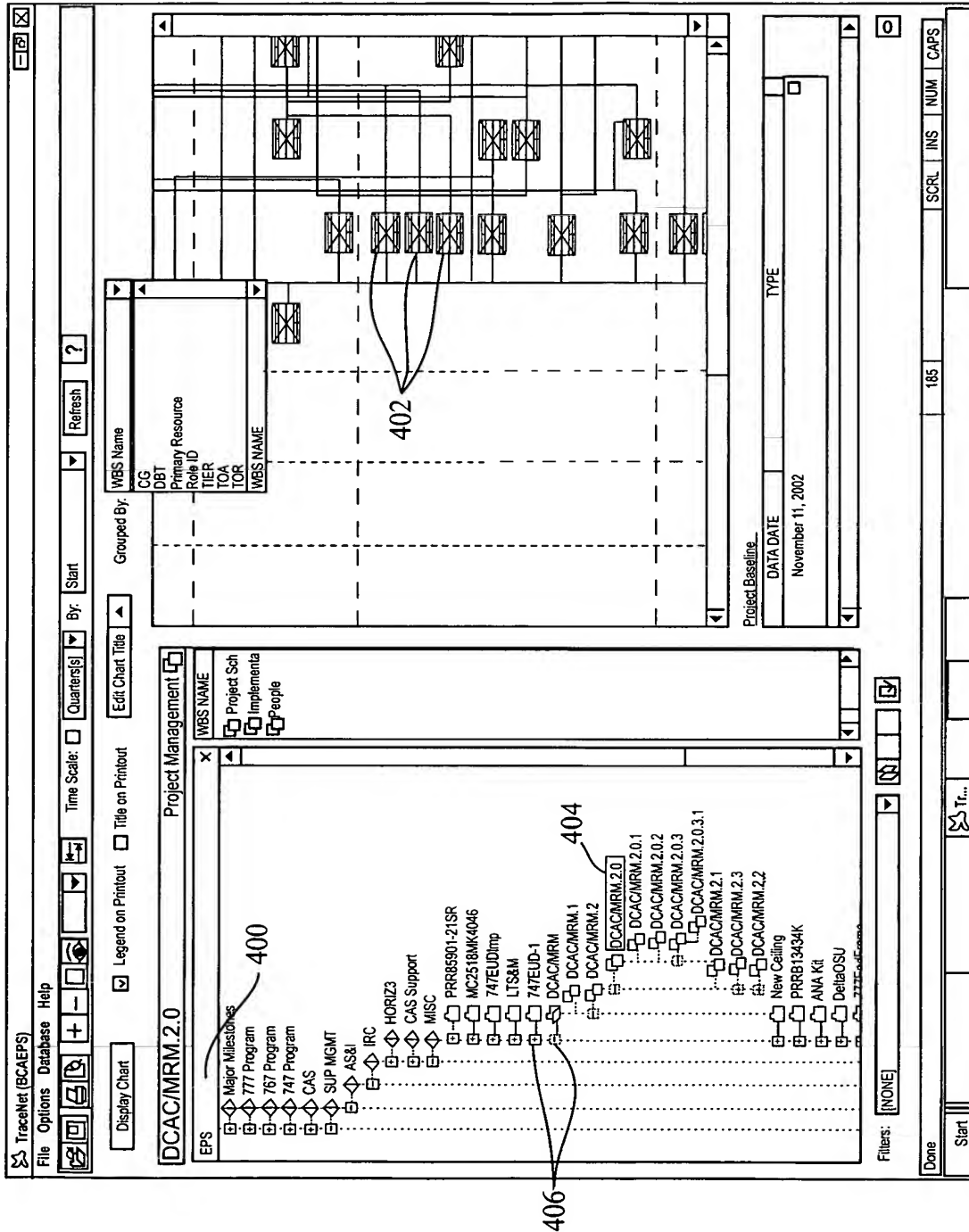
Fig. 3

SYSTEM AND METHOD FOR CREATING A PERT CHART
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Inventor: Dodge, William C.
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Fig. 4

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
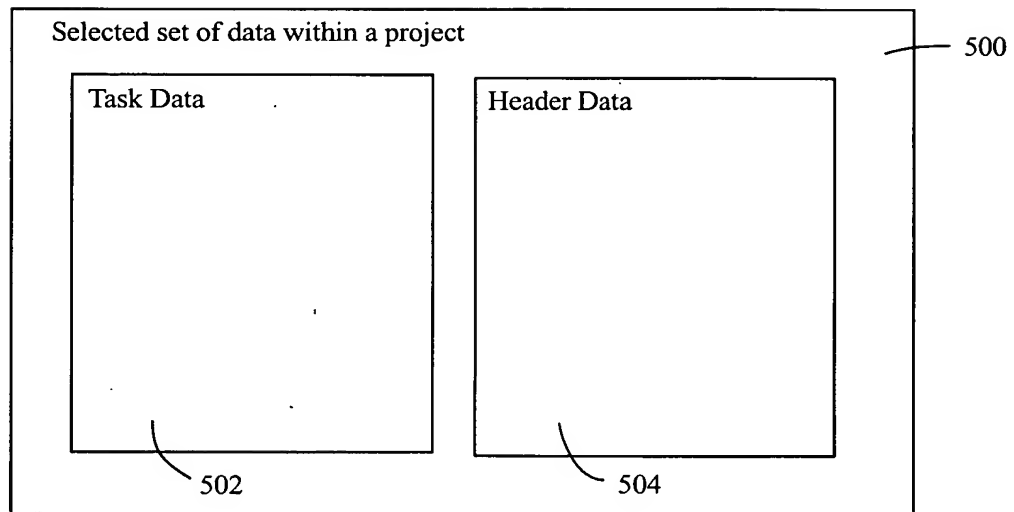Docket No.: 81070/7400

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Selected set of data within a project — 500

Task Data

502

Header Data

504

**Fig. 5**

SYSTEM AND METHOD FOR CREATING A PERT CHART
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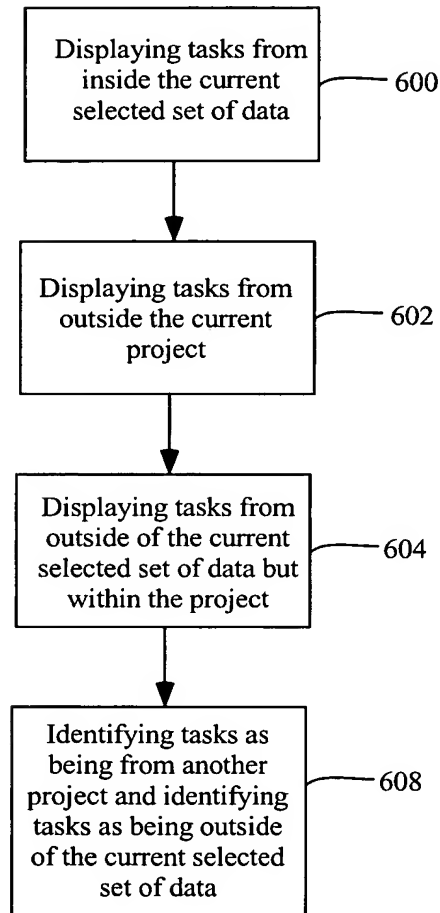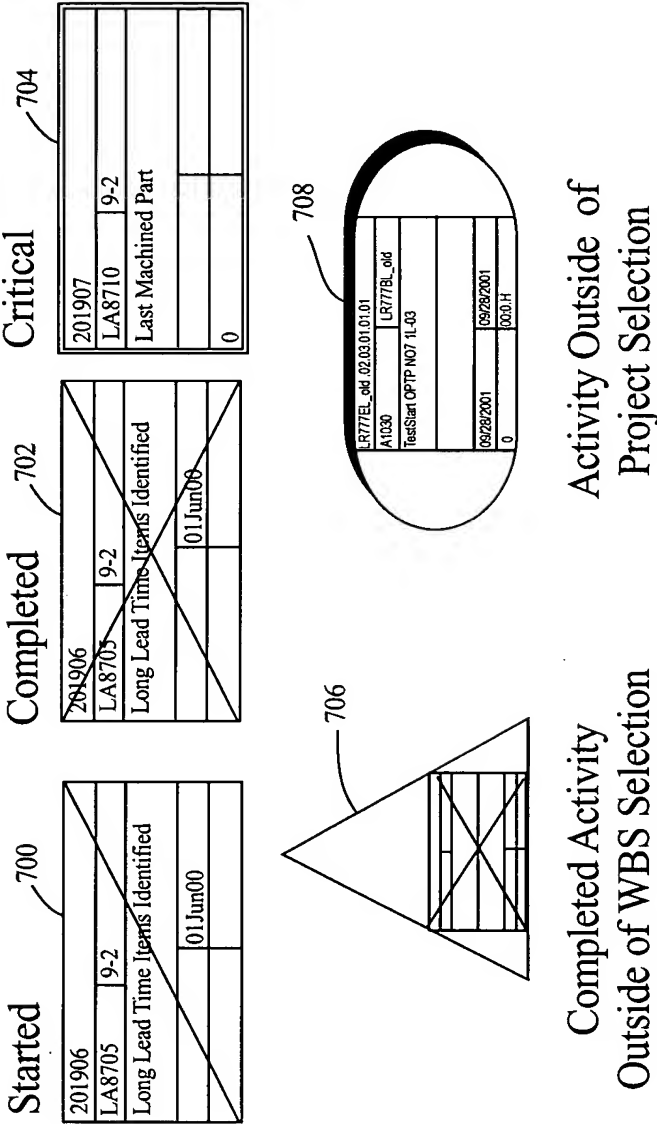Displaying tasks from inside the current selected set of data ——— 600

Displaying tasks from outside the current project ——— 602

Displaying tasks from outside of the current selected set of data but within the project ——— 604

Identifying tasks as being from another project and identifying tasks as being outside of the current selected set of data ——— 608
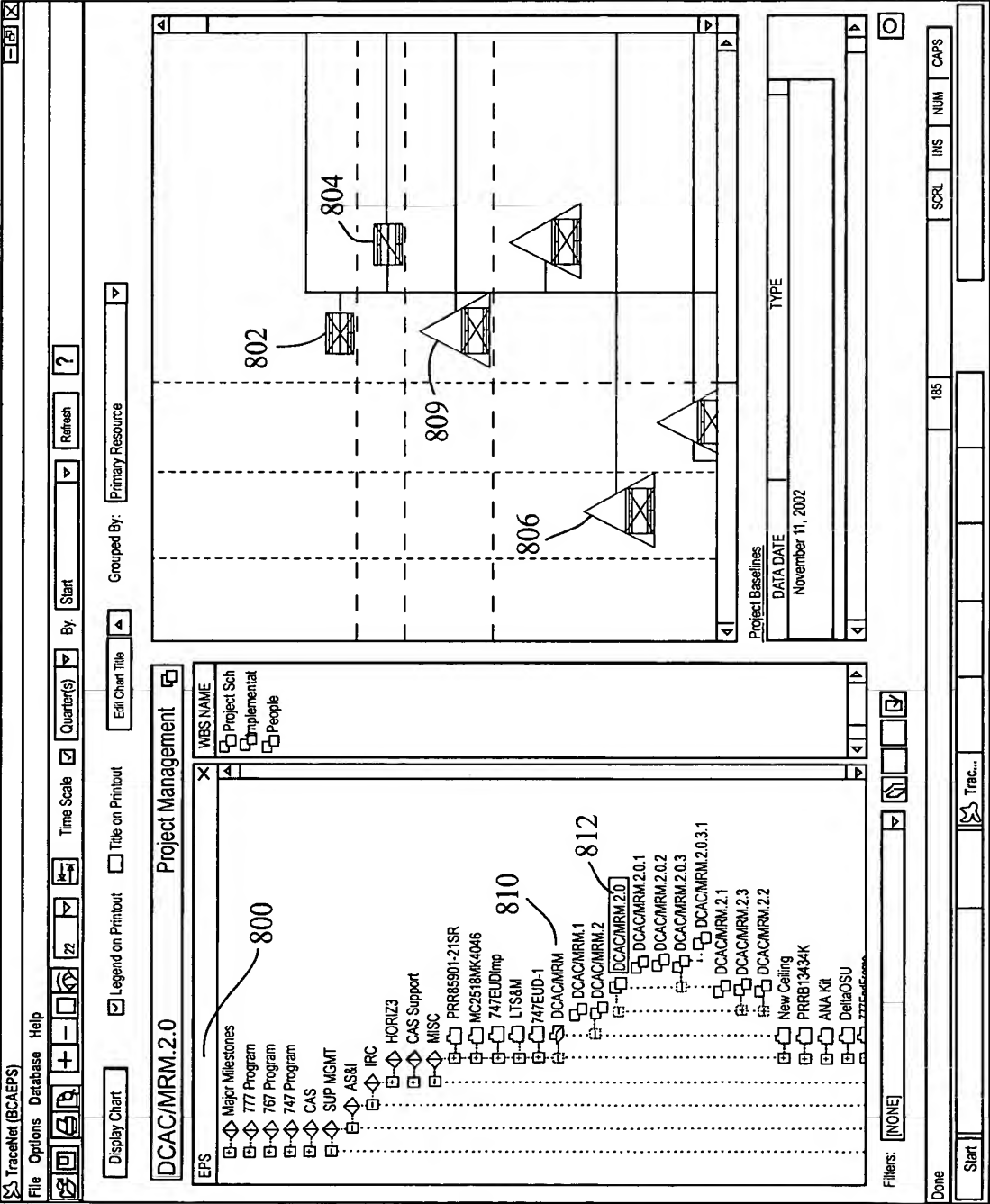
Fig. 6

SYSTEM AND METHOD FOR CREATING A PERT CHART
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# Activity Box Format Shows Status and Critical Path

| | | |
|---|---|---|
| Started | Completed | Critical |
| 700 | 702 | 704 |

**Started** (700)

| 201906 | | |
|---|---|---|
| LA8705 | 9-2 | |
| Long Lead Time Items Identified | | |
| 01Jun00 | | |

**Completed** (702)

| 201906 | | |
|---|---|---|
| LA8705 | 9-2 | |
| Long Lead Time Items Identified | | |
| 01Jun00 | | |

**Critical** (704)

| 201907 | | |
|---|---|---|
| LA8710 | 9-2 | |
| Last Machined Part | | |
| 0 | | |

(708)

| LR777EL_old.02.03.01.01.01 | | LR777BL_old |
|---|---|---|
| A1030 | | |
| TestStart OPTP NO7 1L-03 | | |
| 09/28/2001 | | 09/28/2001 |
| 0 | | 000.H |

**Activity Outside of Project Selection**

(706)

**Completed Activity Outside of WBS Selection**

# Fig. 7

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
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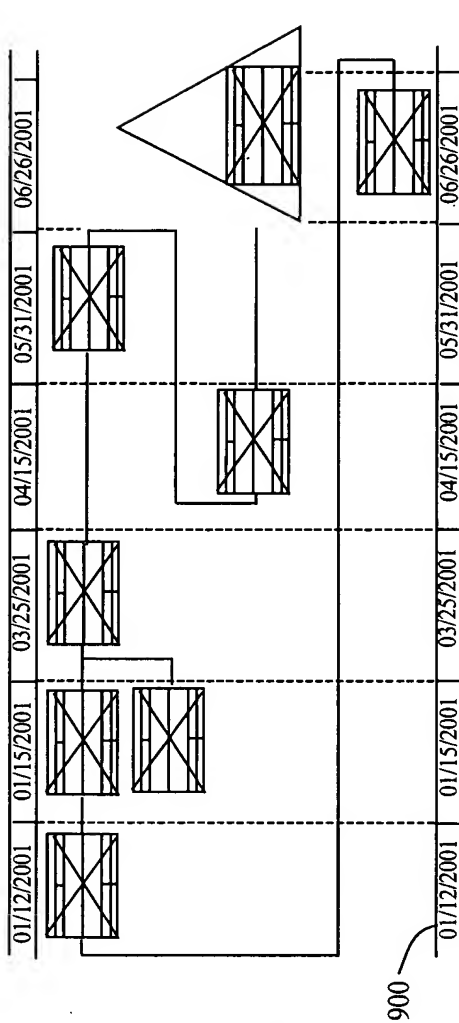
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Fig. 8

SYSTEM AND METHOD FOR CREATING A PERT CHART
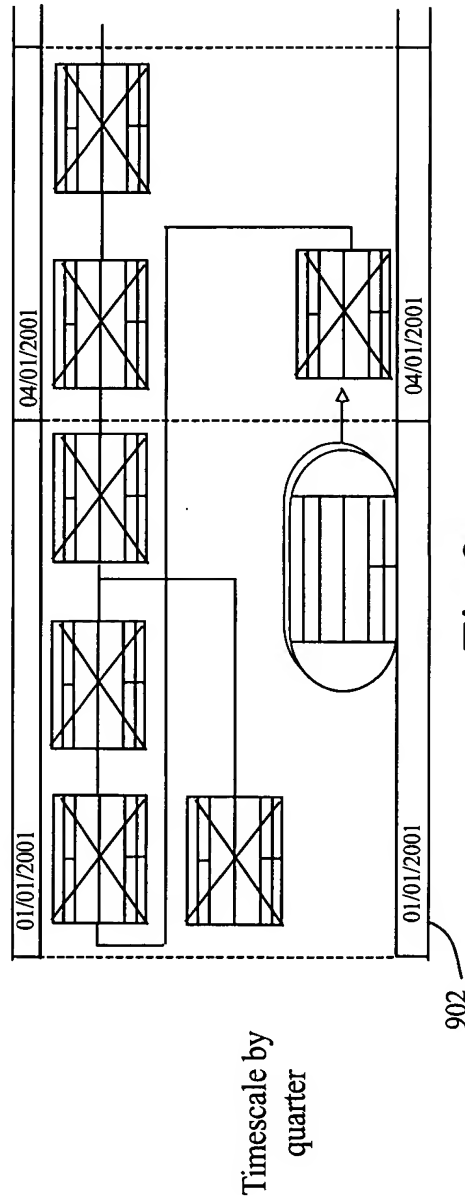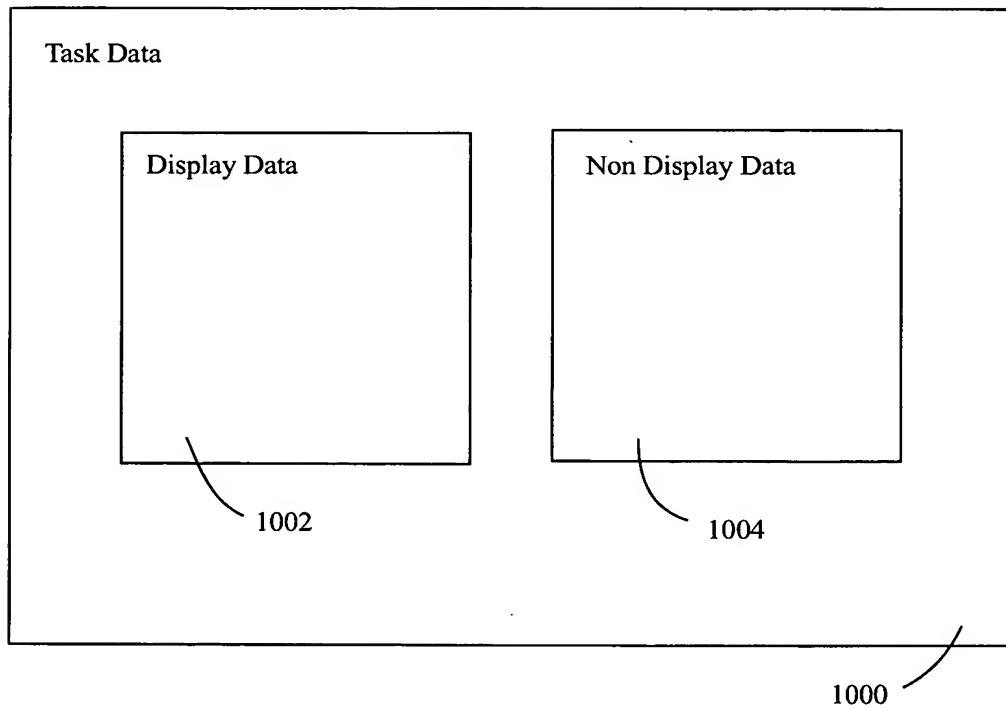Application No.: 10/690,392
Inventor: Dodge, William C.
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Fig. 9

SYSTEM AND METHOD FOR CREATING A PERT CHART
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Inventor: Dodge, William C.
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Task Data
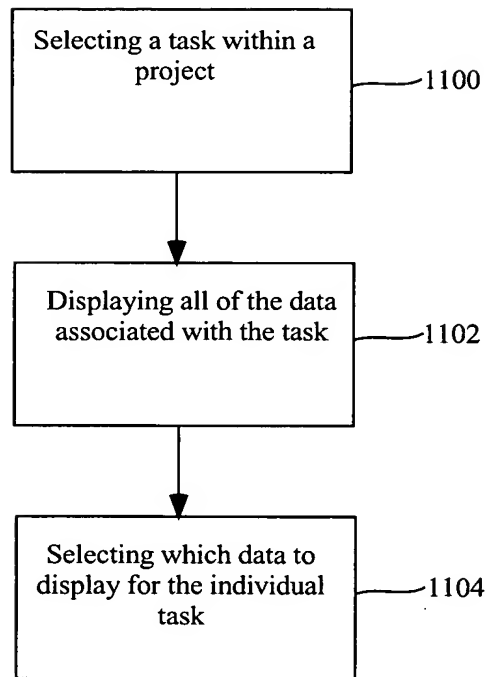
Display Data

1002

Non Display Data

1004

1000

Fig. 10

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
Docket No.: 81070/7400

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```
┌─────────────────────────┐
│   Selecting a task within a │
│         project          │────1100
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│   Displaying all of the data │
│   associated with the task │────1102
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│   Selecting which data to │
│   display for the individual │────1104
│            task          │
└─────────────────────────┘
```
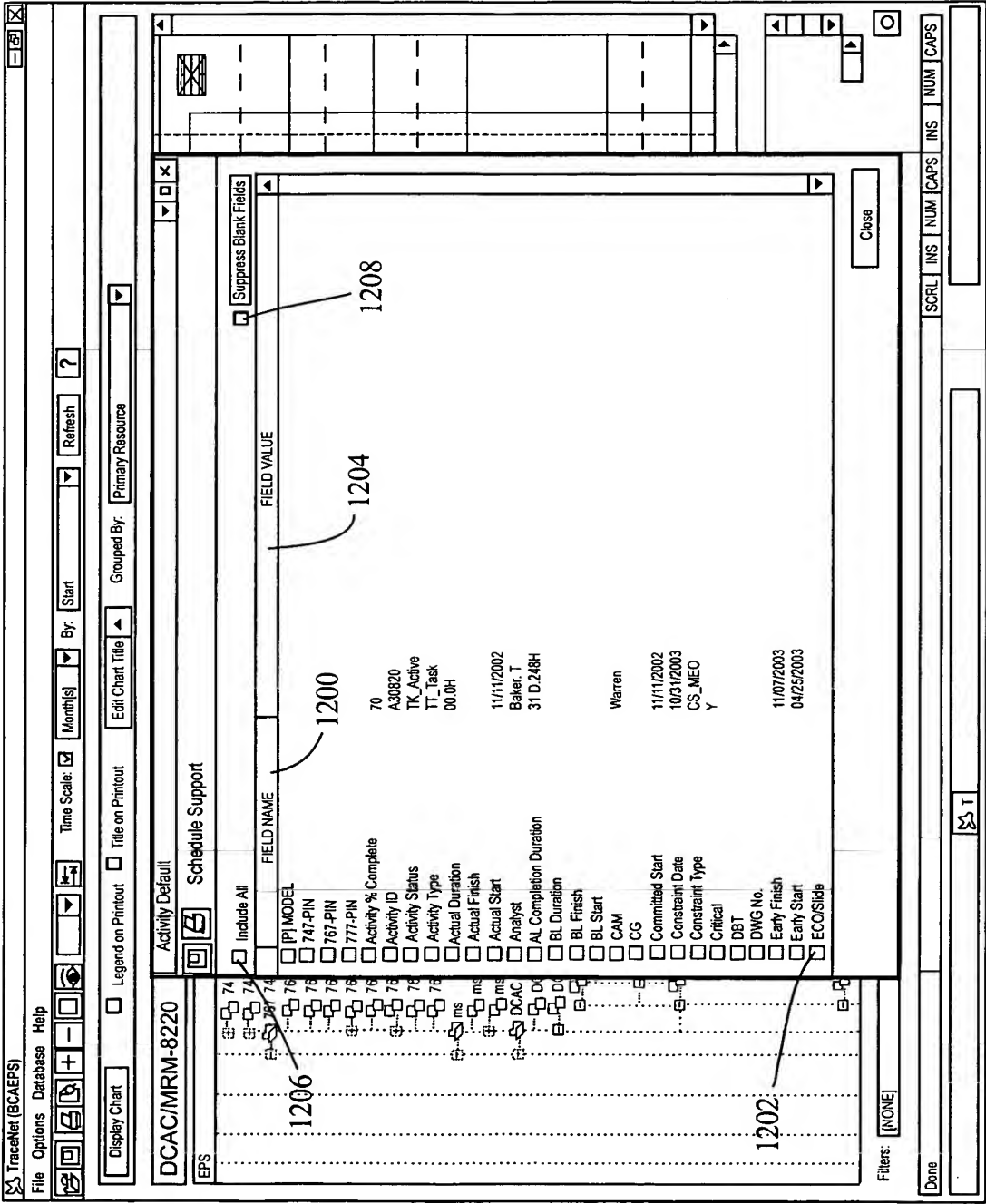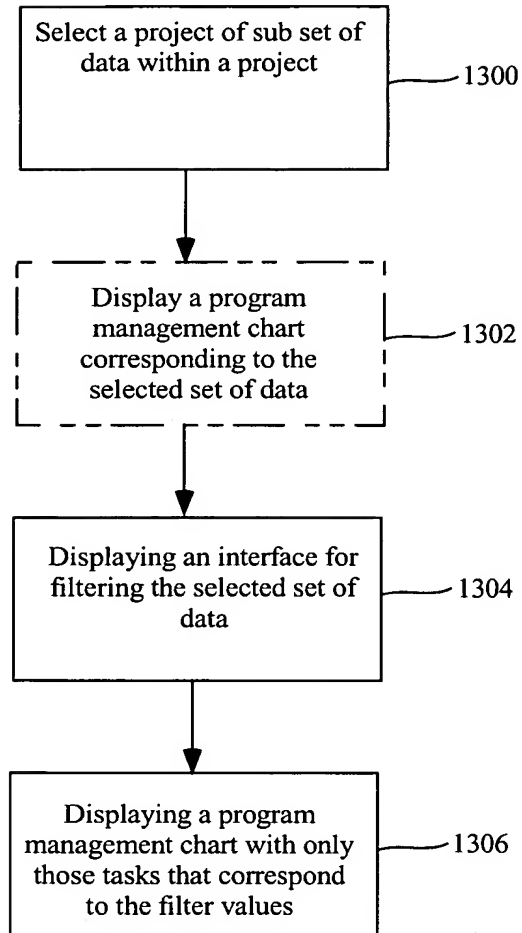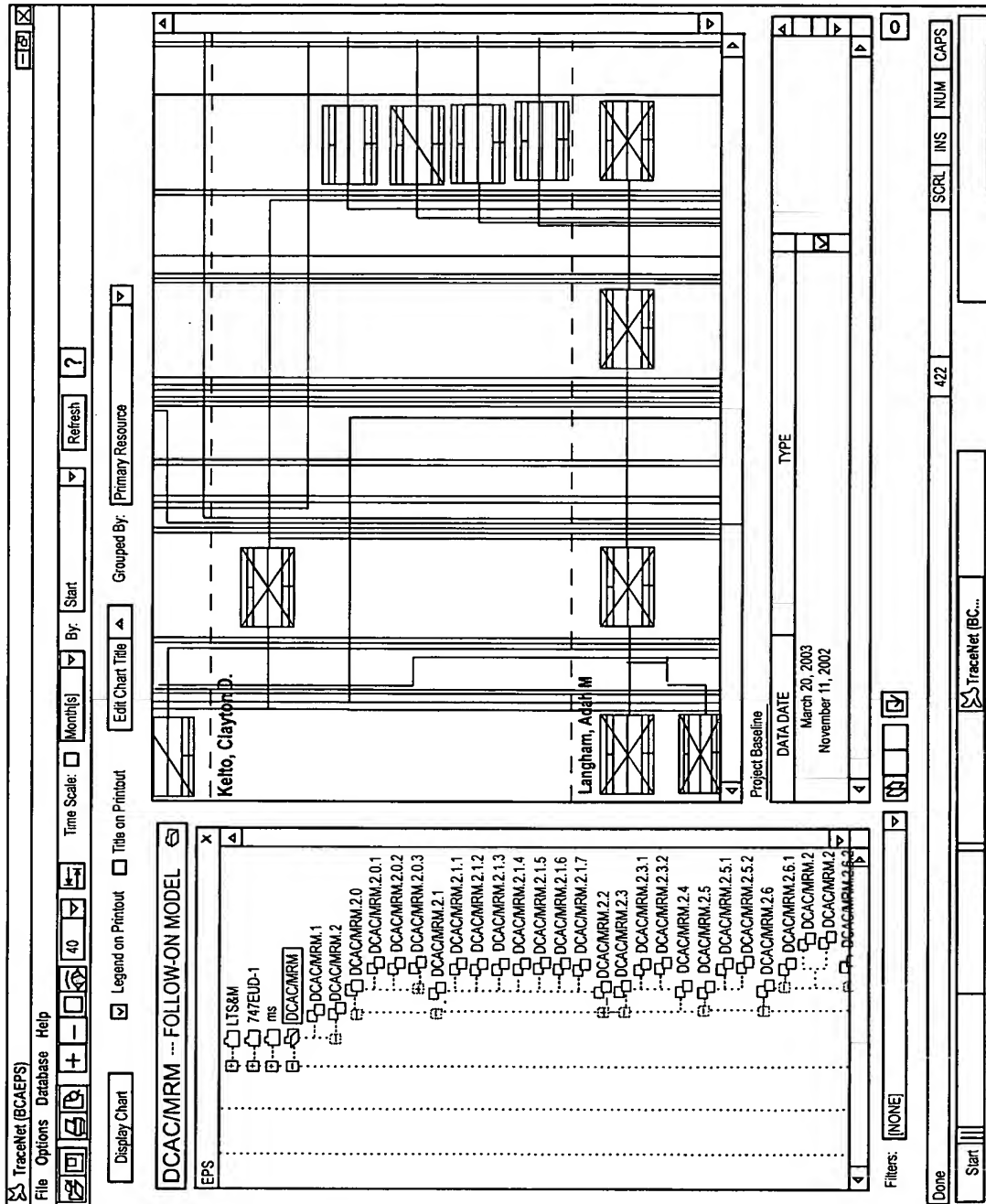
Fig. 11

SYSTEM AND METHOD FOR CREATING A PERT CHART
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Fig. 12

SYSTEM AND METHOD FOR CREATING A PERT CHART
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Inventor: Dodge, William C.
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Select a project of sub set of data within a project — 1300

Display a program management chart corresponding to the selected set of data — 1302

Displaying an interface for filtering the selected set of data — 1304

Displaying a program management chart with only those tasks that correspond to the filter values — 1306

Fig. 13

SYSTEM AND METHOD FOR CREATING A PERT CHART
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Fig. 14

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
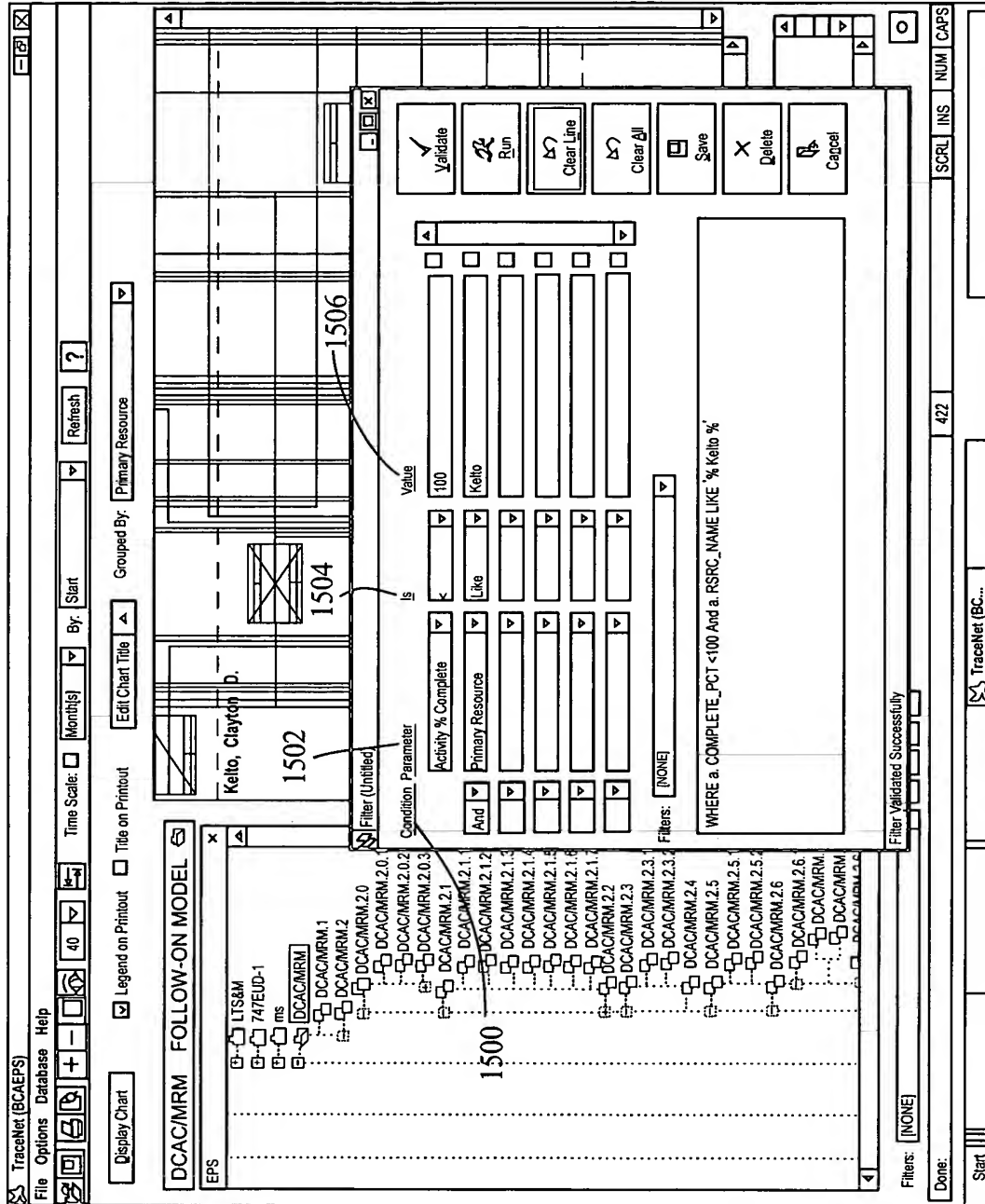Inventor: Dodge, William C.
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Fig. 15

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
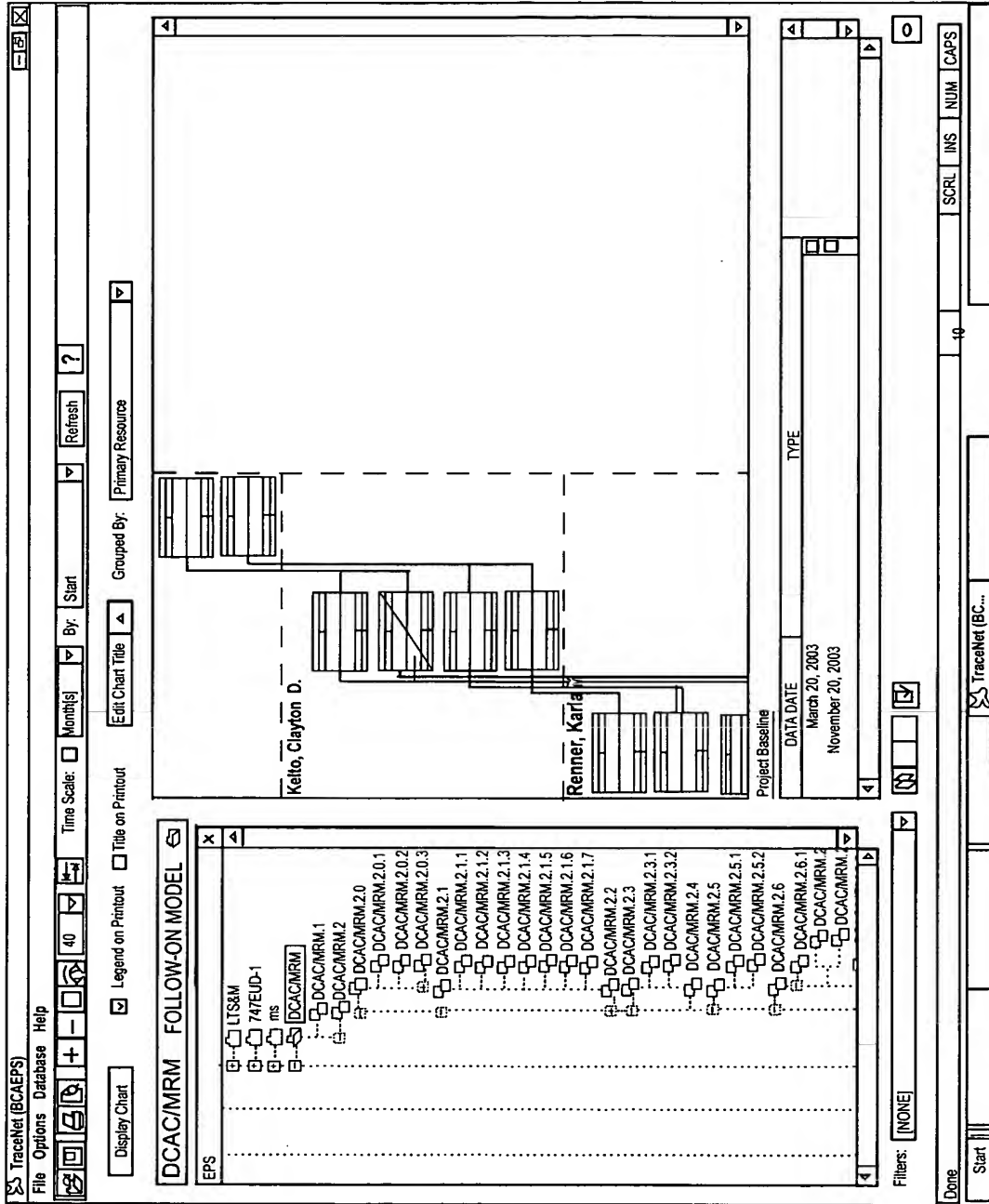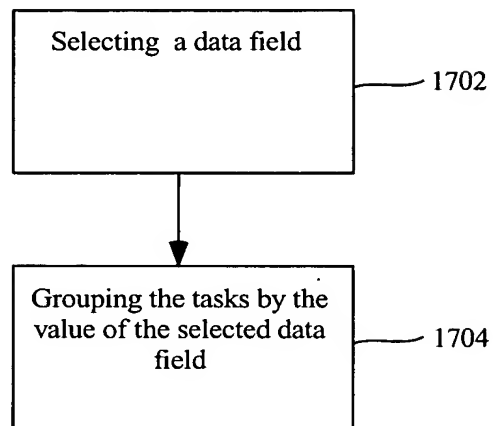Inventor: Dodge, William C.
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Fig. 16

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
Docket No.: 81070/7400

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```
+-----------------------------+
|                             |
|   Selecting  a data field   |
|                             |————— 1702
|                             |
+-----------------------------+
               |
               v
+-----------------------------+
| Grouping the tasks by the   |
| value of the selected data  |————— 1704
| field                       |
+-----------------------------+
```

# Fig. 17

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
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Grouping the Chart by a Field
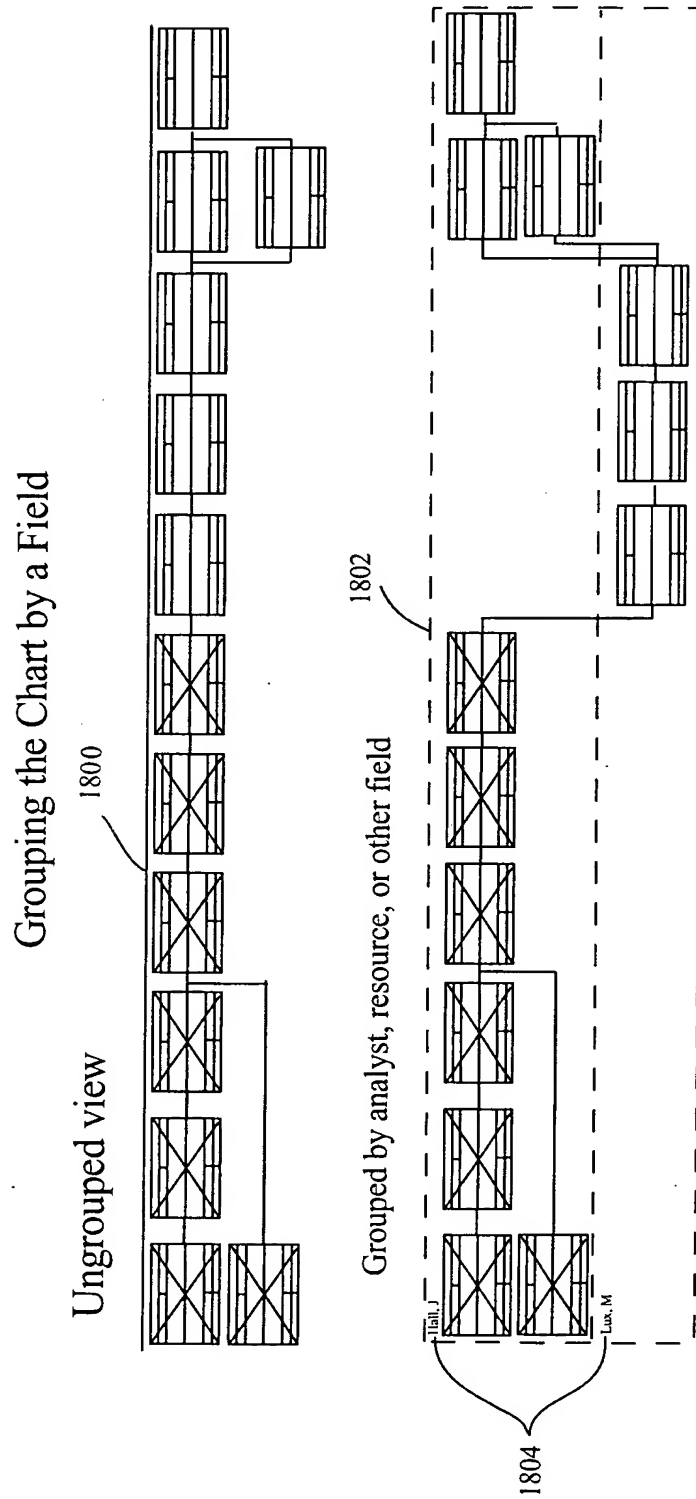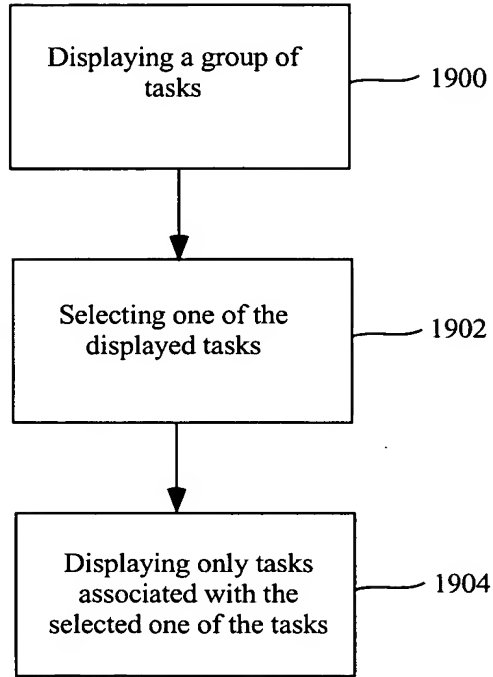
Ungrouped view

1800

Grouped by analyst, resource, or other field

1802

1804

Hall, J

Lux, M
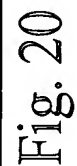
Fig. 18

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
Docket No.: 81070/7400

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Displaying a group of tasks — 1900

Selecting one of the displayed tasks — 1902

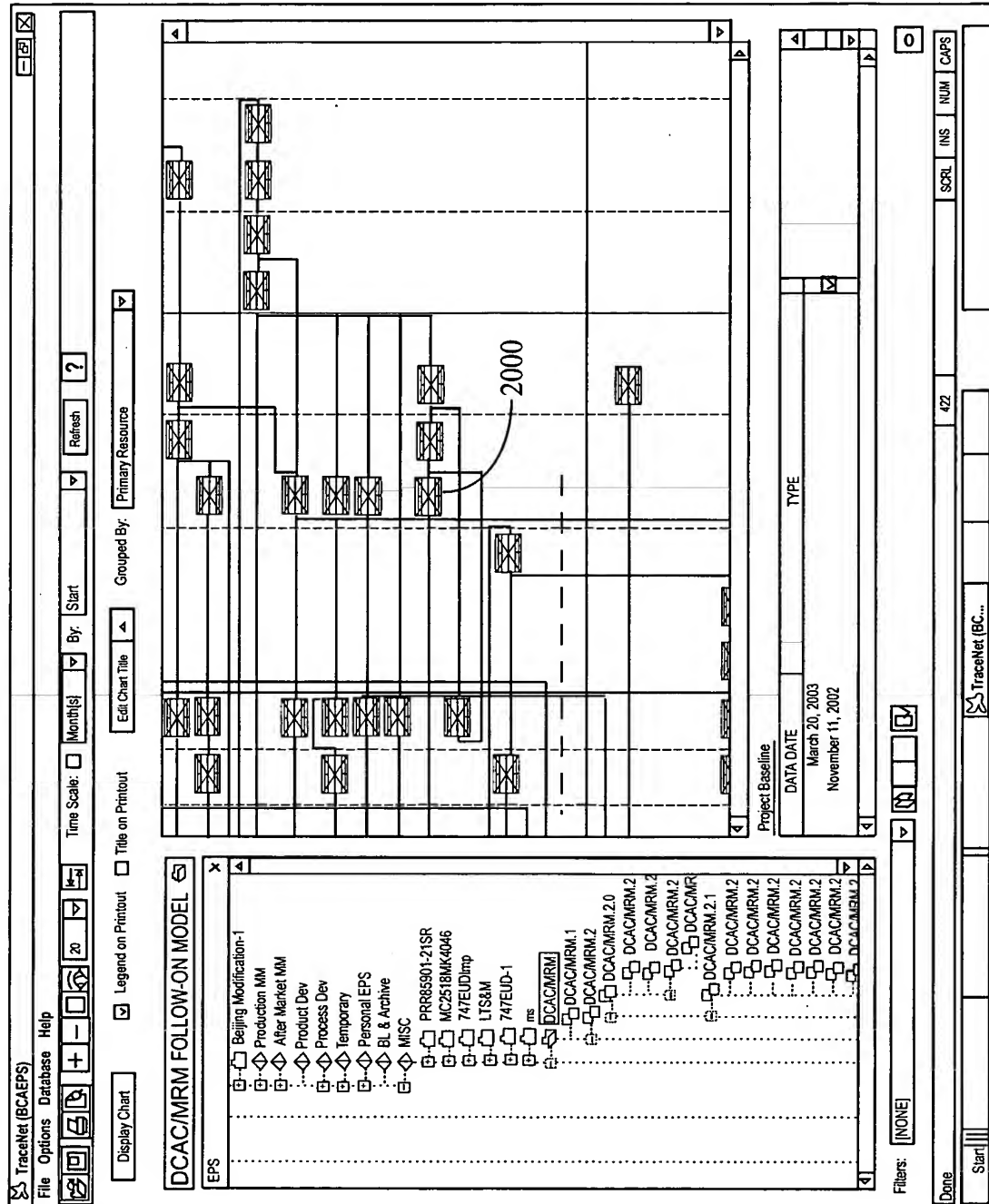Displaying only tasks associated with the selected one of the tasks — 1904

Fig. 19

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
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Fig. 20

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
Inventor: Dodge, William C.
Docket No.: 81070/7400

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Fig. 21

SYSTEM AND METHOD FOR CREATING A PERT CHART
Application No.: 10/690,392
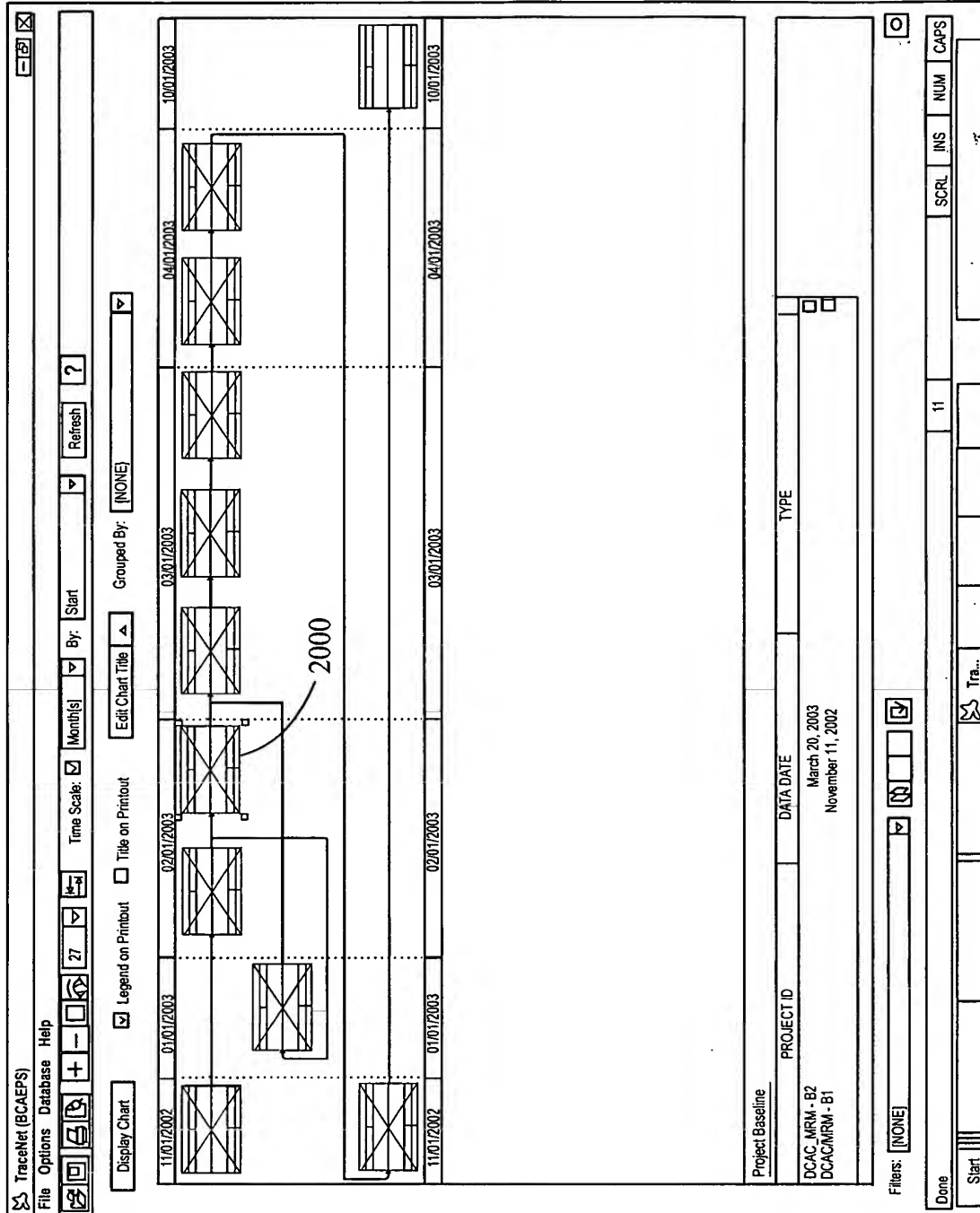Inventor: Dodge, William C.
Docket No.: 81070/7400

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Fig. 22